Remarks

By the Preliminary Amendment filed January 5, 1998 and this Supplemental Amendment, the pending claims are 1-16, which are identical to those claims originally allowed in the (patent except for minor amendments made to clarify the invention in response to §§ 112 rejections), independent claim 27, and new claims 28-29. Each of claims 17-26, added by amendments during the pendency of the parent reissue applications to this case, have been canceled. Each of the amended claims, along with the supporting disclosure is provided below:

3. (Amended) An apparatus as in	actuator 16 can be programmed so that
claim 2 wherein the strokes of the	all movements of the pistons and
[actuator] devices are completed	cylinders are completed simultaneously
simultaneously.	Column 5, lines 18-20.
5. (Amended) An apparatus as in	Actuator 16 is illustrated as
claim 2 wherein the [actuator] devices	a plurality of fluid actuable piston and
include a plurality of piston and cylinder	cylinder arrangements 17, in FIGS. 5
arrangements.	through 8. Column 4, Lines 48-52.
-	
28. (New) A glass sheet bending and	a glass bending and tempering apparatus
tempering apparatus comprising:	Column 4, Lines 30-31.

lower and upper opposed
deformable platens, the lower platen
having deformable drive shafts mounted
thereon and also having drive wheels
supported on the deformable drive shafts
at spaced locations to engage and move
the glass sheet to be bent;

the bending and tempering apparatus includes a support that mounts the opposed bending platens at upper and lower locations with respect to each other *Column 3, Lines 9-12*.

The lower platen includes deformable drive shafts, drive wheels mounted on the drive shafts to engage the heated glass sheet *Column 3, Lines* 28-30.

the upper platen having idler shafts mounted thereon and also having idler wheels mounted by the idler shafts at spaced locations to engage the glass sheet to be bent; The upper platen incldes [sic] idler shafts, idler wheels mounted on the idler shafts to engage the heated glass sheet Column 3, Lines 35-37.

deformation of the lower platen with the upper platen being conformingly deformable to the shape of the lower platen as the lower platen is bent about an axis parallel to the direction of movement of the glass sheet from a flat shape to a bent shape with the glass sheet disposed between the platens as the drive wheels are moved with the platens and as the wheels engage and bend the glass sheet to distribute the bending forces;

The lower platen 22 is deformable and has a connection to actuator 16 so as to deform the lower platen from the planar shape to the bent shape. The upper platen 22 is initially conformingly deformable to the shape of the lower platen Column 5, Lines 26-30. drive wheels 30 mounted on the drive shafts to engage the heated glass sheet 12 and provide movement of the glass sheet Column 5, Lines 40-42.

a quench section including the lower and upper sets of opposed elongated quench tubes which are sub substantially parallel to each other, each of the tubes having quench openings therein, having deformable drive shafts mounted thereon and also having drive wheels supported on the deformable drive shafts at spaced locations to engage and move the glass sheet, actuating means for causing deformation of the lower set of quench rubes with the upper set of quench tubes being conformingly deformable tot he shape of the lower set of quench tubes to conform the tubes to the shape of the bent glass sheet;

The lower platen 22 is deformable and has a connection to actuator 16 so as to deform the lower platen from the planar shape to the bent shape. The upper platen 22 is initially conformingly deformable to the shape of the lower platen Column 5, Lines 26-30.

Quench tubes 32 define the quench openings 18 of lower platen 14 and rotatably support drive shafts 28 such that the drive wheels 30 move the heated glass sheet 12 during the bending and quenching. Column 5, Lines 44-47.

means to supply quenching gas to the quench openings of the quench tubes to thereby temper quench the glass sheet after bending is finished; and

drive means for reversibly
driving the drive wheels to move the
glass sheets during the bending and
quenching.

a source 44 of quenching gas and a connector 46 for connecting the source of quenching gas to the quench tubes 32. Column 6, Lines 8-10.

a means reversibly drive the drive wheels to move the glass sheet during the bending and quenching. Column 3, Lines 50-52.

29. (New) The glass sheet bending and tempering apparatus according to claim 28 wherein the lower and upper platens include the elongated quench tubes and wherein the quench rubes are deformed to the shape of the glass sheet as the glass sheet is bent therebetween.

Both of the platens 14,22 include quench openings 18 that move with the platens during the deformation of the platens and subsequently supply quenching gas to temper the bent glass sheet. *Column 5, Lines 35-38*.

Quench tubes define the quench openings of the lower platen quench tubes define the quench openings of the upper platen *Column 3, Lines 32-*

Support for the above amendments is also provided by the Figures, particularly Figures 1, 2, 3, and 6, as well as throughout the description.

33.

In light of the foregoing, as well as for the reasons set forth in the Preliminary Amendment filed on January 5, 1998 in this case, as well as for the reasons stated in Applicants' prior amendments in the parent reissue cases, reissuance of the claims 1 through 16, reconsideration and allowance of claim 27, and consideration and allowance of new claims 28 and 29 is requested.

The Examiner is urged to contact the undersigned attorney by telephone to discuss any matters pertaining to this reissue application if he believes it will be useful in expediting this application.

Respectfully submitted,

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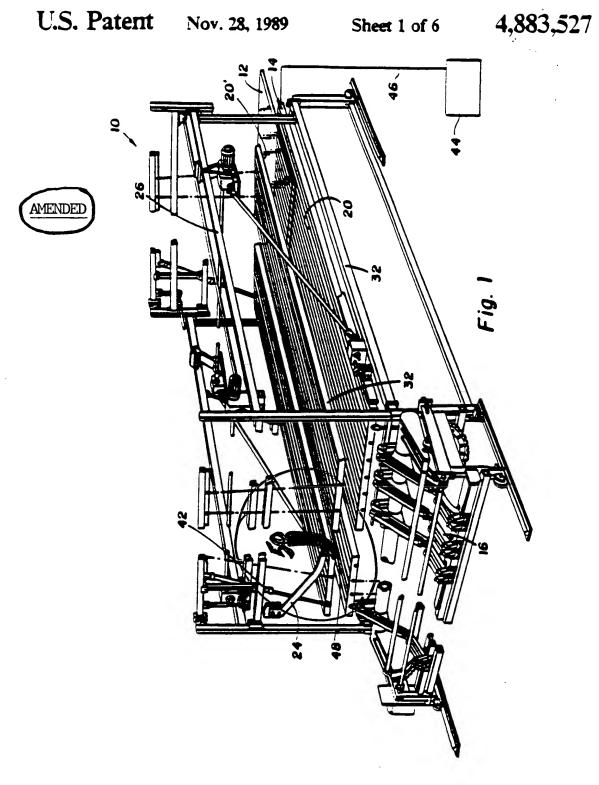
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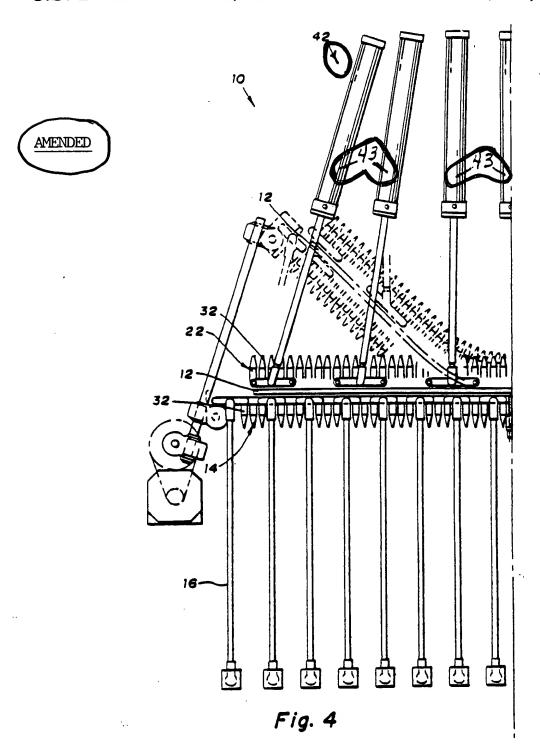
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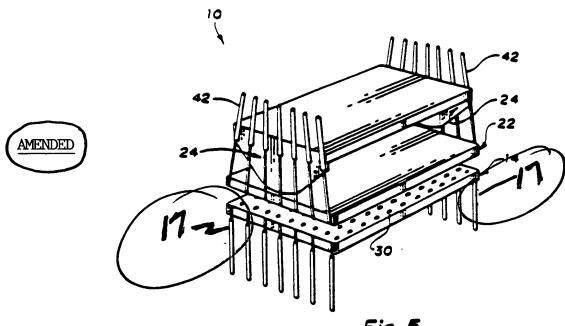




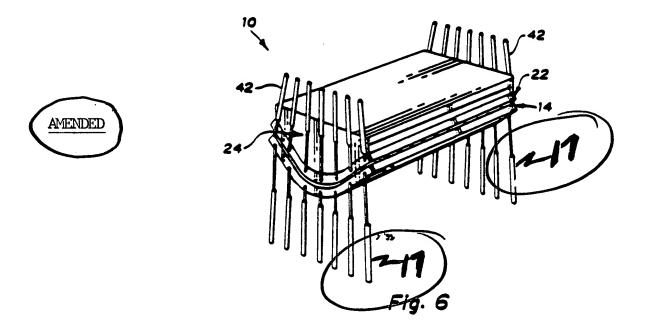
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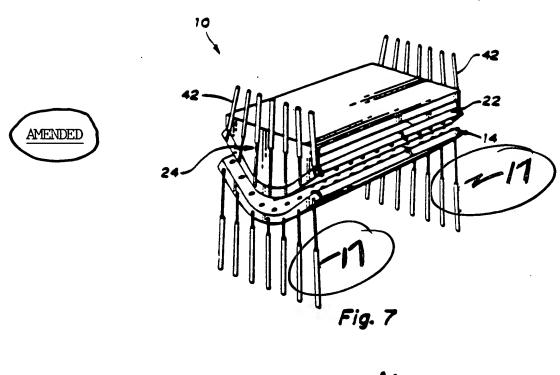


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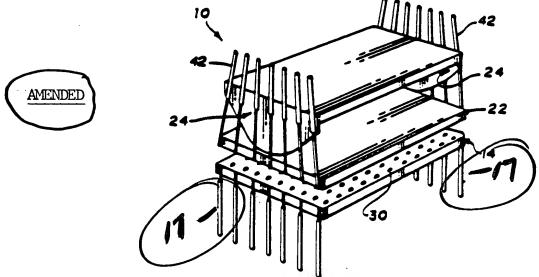


Fig. 8